	CLASSIFICATION SECRET
	25X1 25X1 Approved For Religible 2006 (QLA-BE)R-82-00457RQ449003-0
. 4°4	INFORMATION REPORT CD NO.
COUNTRY	East Cormany DATE DISTR. 21 Neverber 1952
SUBJECT	Radio and Oscillograph Tube Plant Funkwork Erfurt VEB
PLACE ACQUIRED	25X1 NO. OF ENCLS. SUSTED BELOW!
DATE OF NFO.	SUPPLEMENT TO 25X1 REPORT NO.
AND 794, OF THE	OPTAIRS INFORMATION AFFECTIVE THE NATIONAL DEFENSE TATES, WITHIN YES DEARNIED OF TITLE 10. SECTIONS 780 FE S. CORD. TO THANGUISION OR REVEL HITERS TO OR RESIDENCE OF THIS FORMATION AND REPORTED PROPERTY. THIS IS UNEVALUATED INFORMATION THIS IS UNEVALUATED INFORMATION
25X1	1. The Central Laboratory of the SFT Funkwork Erfort (Germany) Web as directly subordinate to the DDR Ministerium faer Machinenbau, of which ir. frui Heinze is director. It is the main development laboratory in the DWI for radio receiver tubes, that for transmitter and oscillagraph radio modes being at CAW. At present, work is concentrated on ministure subes for a better type receiver.
25X1	2. No real details of the production of the receiver tubes were known Both large and small escillograph tubes were made in a limited my The smaller, 1-system tubes, were done only as fill-in work at slack times. If the large, 6-system, oscillograph tubes, 90 per day were turned out by hand. There was a 50% scrap on both sizes. Very occasionally a small market of 2-system oscillograph tubes were made.
	As long as raw materials could be obtained from the West, scrap remained around 16%, but when it was necessary to use asterials from the USES the scrap rate rose to 50% or 60%. This high scrap rate is caused principally by the lack of uniformity in Soviet materials.
	Nor shipment, receiver tubes were packed in cardboard boxes than hellowed with molten tar and covered with paper. These boxes were in turn placed in vocaen boxes. Oscillagraph tubes were mounted in frames suspended on springs in a wooden box, three to a box. These wooden boxes were made of creasate-imprograted wood, carefully fore ailed at the corners and lined with cardboard fastened with waterproof case(r-boxe glue)
չ 25X1	The Erfurt plant is equipped with 250, 150, 60, 20 and 30 km transmitters, all of which are shielded so that their signals cannot normally be heard to the air. are supportedly used for testing transmitter tubes. The best station for determining and measuring the efficiency of the transmitter tubes was located in the vicinity near a race track and was known as Work Nord. Tale, have cables connected this station with the beaming plant. Dipi. Ing. [har] Remadorf was director of the Work Nord.
	25X1
STATE	CLASSIFICATION SECRET
ARMY #	NAIR # FBI

Approved For Re	25X1 ease 2004/ 07/08:CIA-RD	P82_00457	R014908268803-0
Approved for ite	SECRE	02-00-07	1014309500400-0
25X1l			
	-2		

- 5. There were a number of antennas on the roof of the plant, which is 28 meters high. Two 6-meter whip antennas were mounted on the top of bee-hive air-raid shelters on the roof. Two 20-meter wire antennas, one running north and south and one southwest-northeast, were mounted on 16-meter poles. These antennas pervice the receivers used in tube testing. The two do not cross and the lead-in for each is at the south and northeast ends, respectively, near the insulators. No other antennas were seen in the plant area.
- 6. West German medium-wave stations were journed for programs other than music. In Erfurt it was noticed that RIAS shifted its frequencies to avoid jamwing: From Erfurt, radio stations in Munich and Frankfurt were heard.
- 7. There was a radar set at the Soviet airfield at Eindersleben located on a small hill north of the field. Next to it was a small wooden but and always's truck carrying a box-like superstructure. The size of the antennas could not be determined from the point of observation.
- 3. This airfield is being expanded; the runways are estimated to be 3,000 meters long. There were 2-engined transports and a single-engined fighter which resembled the ME 109. A jet plane cometimes flew at right.
- 9. A list of the personnel at the RFT Funkwerk follows:

Heinze, Dr. (fin	u), Chief scientist of	Central Laboratory a	t the plan
Wittich (fnu),	Dipl. Ing.		
Bernd, Dr. (fau)		
			(4)
Lorenz, Dr. (In	i), Receiver tubes.		
Baier (fau) Dig	ol. Ing.	*4	

Г	erfuse (fmm) Designer, receiver and transmitter tubes
	Rigo (fnu) Dipl. Ing., Central laboratory - grid, catholes, assembly.
·	
Γ	Schalldech (fnu) Dipl. Ing. Central Laboratory. Flectronics
	Pair (fru) Pipl. Ing., assembly of receiver tutes.
L	
ŕ	sensch (fnu) Dipl. Ing. in charge of Gliberei
22	Marione Coul Bidail Trans Charles and American
U	haver (fnu) Dipl. Ing., Experimental laboratory, transmitter tube
Ų	orgyzky (fnu) Pipl. Ing., Glass for transmitter tubes
L	
J	ohu (fim) Dipl. Ing., testing.
S	chleicher (fnu) Dipl. Ing., Chief plant electrician
	Company Supply Country Edward Francis
_	
S	chicht (fnu) Dipl. Ing., designer, tools and machines
_	
5	cessel, Fritz, Technical Director of the plant.

	****	25X1
	SECRETY	
25X1		